

WE CLAIM:

1. A method for providing self-destructing electronic mail messages, comprising:

receiving a request to send a self-destructing electronic mail message, the request comprising a message body and a time period within which the self-destructing electronic mail message should be destroyed;

transmitting the request to an electronic mail client application; and

destroying all instances of the self-destructing electronic mail message after the time period has elapsed.

2. The method of Claim 1, wherein the time period comprises an indication that the self-destructing electronic mail message should be destroyed after it has been opened and closed on the electronic mail client application.

3. The method of Claim 2, further comprising:

transmitting an electronic mail message to the electronic mail client application indicating that the self-destructing electronic mail message has been destroyed after the destruction of the self-destructing electronic mail message.

4. The method of Claim 3, wherein the electronic mail message sent to the electronic mail client application after the destruction of the self-destructing electronic mail message comprises an identity of the sender of the self-destructing electronic mail message and an indication that the self-destructing electronic mail message was sent and destroyed.

5. The method of Claim 4, further comprising:

encrypting the self-destructing electronic mail message prior to transmitting the self-destructing electronic mail message to the electronic mail client application.

6. A computer-readable medium comprising computer-executable instructions which, when executed by a computer, cause the computer to perform the method of Claim 1.

7. A computer-controlled apparatus capable of performing the method of  
5 Claim 1.

8. A method for providing self-destructing electronic mail messages, the method comprising:

receiving a request to transmit a self-destructing electronic mail message comprising a message body and a time period within which the self-destructing electronic  
10 mail message should be destroyed; and

transmitting the self-destructing electronic mail message to an electronic mail server application configured to provide self-destructing electronic mail messages.

9. The method of Claim 8, further comprising:

receiving a self-destructing electronic mail message sent from the electronic mail  
15 server application; and

destroying all instances of the electronic mail message sent from the electronic mail server after a period of time specified in the self-destructing electronic mail message has elapsed.

10. The method of Claim 9, further comprising:

restricting a set of operations that may be performed on the self-destructing  
20 electronic mail message in a manner that prevents the self-destructing electronic mail message from being printed.

11. The method of Claim 10, further comprising:

restricting a set of operations that may be performed on the self-destructing  
25 electronic mail message in a manner that prevents the self-destructing electronic mail message from being forwarded.

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12. The method of Claim 11, further comprising:

restricting a set of operations that may be performed on the self-destructing electronic mail message in a manner that prevents the self-destructing electronic mail message from being saved.

5 13. The method of Claim 12, further comprising:

restricting a set of operations that may be performed on the self-destructing electronic mail message in a manner that prevents the self-destructing electronic mail message from being moved.

14. The method of Claim 13, further comprising:

10 restricting a set of operations that may be performed on the self-destructing electronic mail message in a manner that prevents the self-destructing electronic mail message from being copied or cut to a clipboard.

15 15. The method of Claim 14, further comprising:

restricting a set of operations that may be performed on the self-destructing electronic mail message in a manner that prevents a screen display containing the self-destructing electronic mail message from being captured.

16. The method of Claim 2, further comprising:

20 providing a security warning message prior to transmitting the request in response to determining that an intended recipient of the self-destructing electronic mail message is located beyond a home domain associated with the electronic mail server application.

17. A computer-readable medium comprising computer-executable instructions which, when executed by a computer, cause the computer to perform the method of Claim 8.

25 18. A computer-controlled apparatus capable of performing the method of Claim 8.

19. A system for providing self-destructing electronic mail messages, the system comprising:

an electronic mail server application operative to receive a request to transmit a self-destructing electronic mail message, to transmit the self-destructing electronic mail message to an electronic mail client application, and to cause all instances of the self-destructing electronic mail message to be destroyed after a period of time specified in the request; and

an electronic mail client application operative to transmit the request to the electronic mail server application, the request comprising an electronic mail message body and specifying a period of time within which the self-destructing electronic mail message should be destroyed.

20. The system of Claim 19, wherein the electronic mail client application is further operative to receive a self-destructing electronic mail message sent from the electronic mail server application and to destroy the electronic mail message sent from the electronic mail server after a period of time specified in the self-destructing electronic mail message has elapsed.

21. The system of Claim 20, wherein the electronic mail client application is further operative to prevent the self-destructing electronic mail message from being printed.

22. The system of Claim 21, wherein the electronic mail client application is further operative to prevent the self-destructing electronic mail message from being forwarded.

23. The system of Claim 22, wherein the electronic mail client application is further operative to prevent the self-destructing electronic mail message from being saved.

24. The system of Claim 23, wherein the electronic mail client application is further operative to prevent the self-destructing electronic mail message from being moved.

25. The system of Claim 24, wherein the electronic mail client application is further operative to prevent the self-destructing electronic mail message from being copied or cut to a clipboard.

26. The system of Claim 25, wherein the electronic mail client application is further operative to prevent a screen display containing the self-destructing electronic mail message from being captured.

27. The system of Claim 20, wherein the period of time within which the self-destructing electronic mail message should be destroyed comprises an indication that the self-destructing electronic mail message should be destroyed immediately after it has been read on the electronic mail client application.

28. The system of Claim 20, wherein the electronic mail server application is further operative to transmit an electronic mail message to the electronic mail client application indicating that the self-destructing electronic mail message has been destroyed after the destruction of the self-destructing electronic mail message.

29. The system of Claim 28, wherein the electronic mail server application is further operative to encrypt the self-destructing electronic mail message and wherein the electronic mail client application is operative to decrypt the self-destructing electronic mail message.

30. The system of Claim 29, wherein the electronic mail client application is further operative to provide a security warning message prior to transmitting the request in response to determining that an intended recipient of the self-destructing electronic

mail message is located beyond a home domain associated with the electronic mail server application.

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